

CLAIMS

1. Multifunctional telemark boot comprising a shell; a sole which is integral with the shell, and which comprises a heel and a toe; and a flexible articulation which is part of the shell, and which is arranged substantially in correspondence with the toe in order to permit a flex of the shell; the telemark boot stiffening means which are associated with the sole in order to selectively impede the said flex and to configure the telemark boot for different uses of telemark.

2. Telemark boot according to Claim 1, wherein said stiffening means comprise a raised sole which is provided with a thickness which is substantially greater than the thickness of a standard sole, and which presents, in plan view, different forms which are adaptable to as many respective blocking devices to be used for different snow sports.

3. Telemark boot according to Claim 2, wherein said stiffening means comprise a compartment which is obtained inside the toe, and a plurality of blades which are arranged inside the compartment and which may be orientated from an operating position which is coplanar to the sole to an operating

position which is transverse to the sole to further stiffen the said shell.

4. Telemark boot according to Claim 3, wherein the stiffening means comprise an elastic  
5 regulating element for the extension of said blades, and an orientation element which is integral with the blades and which can be regulated from outside the raised sole.

5. Telemark boot according to Claim 2,  
10 wherein the stiffening means comprise a selectively interchangeable portion of said raised sole and constraining means which constrain the selectively interchangeable portion to the shell.

6. Telemark boot according to Claim 5,  
15 wherein the constraining means comprise a shaped pin which is integral with the said selectively interchangeable portion and which may be inserted into a respective housing which is obtained through the toe, an elastic stopping element which is  
20 arranged substantially inside the housing to block the shaped pin, a snap hook which is integral with the said selectively interchangeable portion and which may be inserted into the said toe from the side of the insole arch, and a blocking element  
25 which is associated with the snap hook in order to

selectively block the snap hook to said toe.

7. Telemark boot according to Claim 6,  
wherein said constraining means comprise a release  
element which is arranged inside said housing in  
5 order to act on the elastic stopping element in  
order to free said pin.

8. Telemark boot according to Claim 5,  
wherein said selectively interchangeable portion may  
be associated with either the toe or the heel of the  
10 sole.

9. Telemark boot according to Claim 8,  
wherein said constraining means comprise at least  
one shaped track which extends along a longitudinal  
axis of the sole, and a respective groove with a  
15 shape which is complementary to the shape of the  
shaped track and which is obtained in said  
selectively interchangeable portion; the selectively  
interchangeable portion presenting, in turn, a  
blocking wall which is arranged transverse to the  
20 longitudinal axis.

10. Telemark boot according to Claim 9,  
wherein said track presents a T shape in a  
transverse section.

11. Telemark boot according to Claim 8,  
25 wherein said constraining means comprise at least

one shaped track which extends along a transverse axis of the sole, and a respective groove with a shape which is complementary to the shape of the shaped track and which is obtained in said  
5 selectively interchangeable portion.

12. Telemark boot according to Claim 9, wherein said constraining means comprise a pair of shaped fasteners which may be associated with said track in order to block any reciprocal sliding  
10 between the track and the groove.

13. Telemark boot according to Claim 8, wherein said constraining means comprise at least one pin with a shaped head arranged transverse to said selectively interchangeable portion, and a  
15 respective housing with a shaped base which is obtained in the shell (2).

14. Telemark boot according to Claim 13, wherein said constraining means comprise three pins with shaped heads which are arranged transverse to  
20 said selectively interchangeable portion, and a housing and a groove with a shaped base which are obtained in the shell.

15. Telemark boot according to Claim 8, wherein said constraining means comprise two hinges  
25 for coupling the selectively interchangeable portion

to the shell; each hinge being defined by at least one notch, by a respective projection which may be inserted into the relative notch, and by a respective shaft which may be inserted through the notch and the projection in order to constrain the notch and the projection in relation to each other.

16. Telemark boot according to Claim 5, wherein the heel is frontally delimited by a substantially flat surface, which faces the insole arch, and which is inclined at an angle which is substantially less than  $70^\circ$  in relation to a support plane surface of the telemark boot.

17. Telemark boot according to Claim 1, wherein said toe presents an external layer made of rubber material and an internal layer made of plastic material, and comprises an anchoring lip to permit an improved anchoring of the external layer to the internal layer and/or the anchoring of external accessories to the shell.

18. Telemark boot according to Claim 17, wherein said lip is integral with the internal layer to be inserted into a window which is obtained through the external layer, and comprising an anterior prismatic portion and a posterior prismatic portion which together define an anchoring

compartment.

19. Telemark boot according to Claim 1,  
wherein the articulation comprises a bellows which  
is arranged on an upper part of the shell, the  
5 stiffening device also comprising a regulating lever  
for regulating the size of the bellows, and at least  
one stay rod for connecting the lever to the said  
sole.

20. Telemark boot according to Claim 19,  
10 wherein the stiffening device comprises a shock  
absorber pin which is integral with the shell, and  
which defines a fixed transmission for said stay  
rod.

21. Telemark boot according to Claim 5,  
15 wherein the sole comprises an insole arch for  
separating the heel from the toe.

22. Telemark boot according to Claim 18,  
wherein the posterior prismatic portion is  
substantially wedge shaped, and tapers towards the  
20 anterior prismatic portion.